



# Technical Data Sheet

2/13/2015

**Model: THG1352YGS**

## Product Description

Type:	Reciprocating
Application:	LBP - Low Back Pressure
Refrigerant:	R-134a
Voltage/Frequency:	220V ~ 60Hz 220V ~ 50Hz
Version:	N/A



## Product Specifications

### Performance

Condition	Test Voltage	Refrigeration Capacity			Input Power	Efficiency			EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		Btu/h	kcal/h	W		Btu/Wh	kcal/Wh	W/W					
ASHRAE	220V ~ 60HZ	525	132	154	123	4.27	1.08	1.25	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)
ASHRAE	220V ~ 50HZ	460	116	135	112	4.11	1.04	1.2	-23°C (-10°F)	54°C (130°F)	32°C (90°F)	32°C (90°F)	32°C (90°F)

### General

**Evaporating Temp. Range:** -34.4°C to -12.2°C (-30°F to 10°F)

**Motor Torque:** Low Start Torque (LST)

**Compressor Cooling:** Static

### Mechanical

<b>Weight:</b>	8
<b>Weight Unit of Measure:</b>	KG
<b>Displacement (cc):</b>	5.01
<b>Oil Type:</b>	N/A
<b>Viscosity (cSt):</b>	N/A
<b>Oil Charge (cc):</b>	0

### Electrical

<b>Voltage Range (50 Hz):</b>	180-242
<b>Voltage Range (60 Hz):</b>	187-242
<b>Locked Rotor Amps (LRA):</b>	10.5
<b>Rated Load Amps (RLA 50 Hz):</b>	.89
<b>Rated Load Amps (RLA 60 Hz):</b>	.82
<b>Max. Continuous Current (MCC in Amps):</b>	0
<b>Motor Resistance (Ohm) - Main:</b>	N/A
<b>Motor Resistance (Ohm) - Start:</b>	N/A
<b>Motor Type:</b>	N/A
<b>Overload Type:</b>	N/A
<b>Relay Type:</b>	N/A

### Agency Approval

CE Listed, IRAM Listed, SGS Listed